Property	of	Konrad	Steffen
roberel			11111

Same Federal Resports

2nd WSC Address

Land. Steffen @ WSL. d

Telephone

This Book is manufactured using a paper made from wood-free materials and is acid-free and archive safe.

815250

2015 geenland Season	-
3 May - Start of Fild Rabe	-
4 May - Arrived en tanges bornag	_
5 Hay - Suise Caus Pet-in 2 mpt.	-iL
7 May - Tradrilled JAR 1	_
8 May - Swiss Camp Snow Radar	
11 May Up 15 and up 50 GRS dota	
13 Hay dans 10, DAR 1 GPS	
13 May Found GRS St StRI byring	- 5
At they Show Survey Sure Corp	-
14 May JARA GPS Start - 40	
16 May Sc pull-out	-
17 Hay Carpo for travers	
18 tay Ging Lorth to Upervaak	
13 mg WAST-U, NERM	2
20 Hay thembold Petermany, NEBH	

2may NEW-GITS - Thou-north 22 mg EGRIP, NASA E, Summit 73mg Summit, Thermister Rudar 23 mg Solar trades 24 May Brusq instructions solor tradeor 25 Hay Summit - CP7 Dye-2 Soddle, NKSL SE 26 mg S-Done, Dy-2 77 My Shipport to Sunfishand 29 mg EGRIP location ERROR. Microper #37 30 4 Klim 11 Forman code Swite buer 1 Jane Fright to Ilulisset . Climet days 13 act Bytan Aus Para + Havel 11. Jun 2016 Preparing two 2016 yorb

Radar at Justs Carp 4.5.15 Power requirements 0.2 Ah 1 measurets of both rodars 1 384 means & 100 All botterie be will take 6 x 100 ALI botters to Swiss Can and motes a lage better bount in the Jarage of Suise Caup. - of for pot to get the sols pones from the ted container = 0 call Lino! bring the whole alm box to Siere Cayp.

Swiss Camp 5/5/15 Second plane arrived with him + Derch and carps, Post all Sichas's and and to work, The garage was filled with man. Pat all tents up (6) and head Sorp at spm. Down bed And and lo in bus. According to last years snow (100 cm) there was 50 and ice will in sound 2014 (10 en bues data)

JAR1, Down 10 65.15 DAR1 650 290 381N 450 421 35"W 857m DN10 69. 301 07 N 490 33/26/W Mush West to JAR1 Still up with but Soped recording in Ament 2014 bours the part cable was pullak and to und mut - 4 un surper lowering !!). Also down to was - 4-1 m about Suffee and we would he are planning to redolf Int and do to pouron

Began set up 6/5/15 Tominal 92x / Hughes 9250 /04 Human Christin GF Hedren QSLF, de and it worked in the morning of 7/1. Sot 1 40 envil down.

7/5/15 Red Mal JAR 1 and Schwabel Snowers with 35 cm snow. Drilled two extensions where the 200 extension is at the snow surface (50 cm share the ice) 440 cm into the ice, which is good for one Scosor (?) All denueto are working but how dity lade low. The power was pulled from the CR1000 in Ide Jal 2014

8/5/15 Suris Carp Overcast with some blowing snow We will get up snow radas body, Need to rate Jay about contineous Ges monitoring which will drain an betterno at du la up50, up 16, Cost Suise ramp myst be de SC High Res Sct image Fax 2014 Sc 69° 33' 25134 N, 49° 21' 13.95 W

Suiss Carp Aws +10m 9/5/1 9/5/11 DARI recording 2014 Power puller and 2014-08-07. Snow height 0.4 to 2,0 = 1.6 m auti they there was 2.7 m mett. Curtare lowering and 1.0 m Kw Show in winter 2014/15 There was about 1:0 am skow in all wothing again - What down to the Spring 2014 =0 0.6 m ice met. hunteliby ? Max wind of 35 m/s = 105 bu/4. in late fall Dory Battery did not go below 12,30 10 m towo - all demos working!

Sures Camp 10 m tour Troumite ID = SO30AJEO 00:82:85 Elevelor 207/14 Goes processing 1 download all GOES Bles copy + . + goes sti rewided ruy goes The faver was transceptily do the Not the procently proposes have some oros. particular the Soit propon lacds to be Tred,

Succe Cano (Sunday) 105.15 Stopped Showing hard a long prolifered with discussions. Snow rater programming to celow to five 12 Volt oney 30 min br 15 anis This tech took we gente Louis dince because I did not realize that the old HAP45 was do this good by a current and the less were Concelling and other when I made a hew Slow san loop Linally got it to work let not the RS132 commicator which was ong to real he John of the todal

Sue is Caux rodor on CRAON Radar Simel velues 12,5 15 Radar Connection of Plas Kadar Conneded today of lon Lows. Jan read 4 bits of date in a string and need to Switch 12 Volt: brown trouvered 1 byte for 0 doF Gourd 12 boit: green X1, 70, 67, AE C2 (ex) hhite String to hex Luction

Example 12 05 FD 1D (String) Proposi Cubwe redor Linder propaning 5 18 52 81 125 1 Sup L. 8x30 = 240 DD Completed the radas set-up = % 0 31119.2 and connected radar to ceros IF (7) me (9), ge, 245 on to m burg. · o· , 1+ 20 = Prior to epland new propan eny thou downbady the Aux data. Topped GOES transmission

GPS JAR 1 13.5.16 GPS andown Trimble Jeournet to polo clounced to poke Take CRIOS chaines , electre sour drill and batte + 2 closus away rade landow bol Ax Oto final o lase country for pole - eledar 1 - evily stope, 240- dis

	Snow	J. S.	rvey S	C 201	3	1	Sn	ow Six	veg On	33 Camp	18.5
2014	Au		100.7V	a Emoi		10 m	tower		,		
						115	118, 115	113 c	m 570	w =	115an
2014	10 u		120 Hb an	Snow		92,5	en Si	12 W C1	L Bo	+5 =	207.5
	Box	064 -	184 184 Bo	y to ice		165	on to	bues	arm	+S =	280.0
						670	n to	lower	rador	gran	
	1- 5	hand			185	410	in for	n voda	hox to	22	
AWS	120	X an	(2014)+	BOX 60 =	160. N	rado	pola	11200	with	110 cm	Show
	20 12	(240	om to i	ce)		1		= 222	an op	e the	10
This	=0	600	u l'ec	met)		AWS					
						120	, 125,	124 12	r on s	110a =	125cm
10 m to	une !	240 -	104 =	64 cm	ila	115	to Bo	124 12 1 10	to an	n -	235an
										-)	o icc
=0	60-6	4 cm	i a met	Sound	20W	3	now	2015	195.	125 an	
						Sn	0~	24	120	an	
4											1
1											1
To Va										1	A .

18.5.211 AWS Stations GIE no extensión wind from 12.6V Northern Traven NASA 4 (03) no extension 12=206 TCa. 1.2 and transmiting 2015, 20 102, power was 13.5V Petermoun) us extension Pressure grustinoby barre with The and to con aut (12) NEEN (23) 40 12=204 wind dir of strange - Spections regular no transmity for 20 101 - 120 2 Poses 12,7V how some lines entsing but x-uit them bot of needs extension presque quistionable pow 1200 , all she both ok lower but 0.7 in obone shows Tune V) maybe exture maybe exturin Wind dw 2 and > 300. Snow ? mig EGRA pecals readisher in should paw 12.31 and radichoe arm. VI not working! redire correct! Shust Snow 1 outy 56 and above stow.

18 5 or Norther Travers AUX Kanger going north 19 May fund no extusion In the morning my got Salva Dans Vy not turning , Pressure? from the la and are pot again Snow 2 and 12.2V dlayer, = Prefect the plane at 2130 VI and Filos all at 3:30 to the hotel to Feep 3,4 out 10 V ont their diff and food, and we Mot objected? Shill plan to leave to by bwarts HEFM. NXSA-FI need extusion CP1 unifes no longer be an apolon ho transmiss this top MASA - 4 hopelely has good weether (?). Loft kanger at 15:00 busies aperhante clouds our the ve sheet, lint clear are the ocean.

NASA-4 (8:40pm) 19.5.1 19,5 Mpernamic - NASA-4 Coordinate: 73°50'26.5"N 430 31' 19,8"W 243m Landed at 6:45 gm to refinel. ca som south of station Blue dy ant only a few lan doubboaded data reconnected pressure before ban I was overal. which was and, and lover Carry of 7:30 pm to NASH-4 the power caldo which were under and one hope It is good weather. pressure, Called P and got consected. They lensity notre les 4.8, and M.P. are expecting is the for mo the # 37 835, Com what A +1.50 suith ticoper and belove. Probably radio hopeny? Ca 30 cm acum Cehon, Dow we my to they dirally to the WEEM traven town for ful and onempt. They my ant of duly hours and has

Flight Plans and of 19,012010 Travere C. TIMEN Travere Camp 1) Wed: · NEW 18 20/5 HUM PET 180 PET 360 NEEM agamen Travelse C. Hun 3 Sal 565 0 Fraken C. Danethon NEEM T DEFN GITS 23/1) Juna - W Nas . E NXXE EGRS 185 Travere C. Lynn MARY Travera C. Thus. 21/5 NEEM 22/5 8 drums to tel NEEN GIT 5 Sum Iunn-N NEEH.T VER H-Tyme-Danbory 9 76h Trav. - Summa Danboy- Ham E, EGRIC Son A 855 mm 2415

19/20 May MEEN Toverso Comp MEEU 20,5,15 77° 26' 31,40 p 2461 m 950. Arrived of 11 pm a cours at 5/0 041 55 8W get nice dinner four hother and DP. Stept in the black dome download to all worked well. thus has only one solar pand unho 6 6 and then acherby and IP Seperson removed snow how Started again. the parel in early down - that wight 20. May Traverse team BU & 10cm to the reas. It did not traumit he had to wait anti 12 00 Decare hord survive as my gray but the of day Line In pilots. we have to extend. Marita and Co. d. d. on extensive snow shay on site, left alks fling 3 downs (8 total of NEAN) 770 07'05 4" 48° 10'34, 4"W 2.708m

20,5 Humbold 15:00 Petermon tex 20. Hay 15 Goodinatus: 78° 31' 45.2' N 2132n Coordinatu: 80° 85, 44.9.1 56° 50' 25.1" W 58° 071 56, 4" N 924 m Extended tower, 911 oliques withy Downloaded dole and it seemed that not all deta was on the mental chips land time was off. From 2014 -01-20 to 2015 - 03-10 18/2/2015 motion of 20/5/2015 = D I mouth and 2 days off! but the display showed the word time ldde Also true was I was downsaly the data. The many dup del Down Good the date with Tong Chot not work at all that to elet it and all data care down in charge 5/292015 and insist a new one. doubson unte cable. Both Tear were not working? Pour cable extended to at last one more extension. Batery drained in hill winter and Perhant worther no and way below lov ~ 5 Jan for how mouth! and snow strates 4.5. Power below 91 Dec par 1

GITS 21. T 21.5. NEEM Trave Comp Austhor beautiful warmy. Coordinates: 77° 08' 13.6"N 61° 02 3) ,6" W 188) we would be to with GITS and Tune N. Hoday , but Danial of all date worked well. Oraqua is down de doves Had to extent power cable because We steered by GITS - Tunner to much snow abangaction. with refueling of WEGRY (5 drung) he power colle was pulled from the and then they to there tog (SVA Gas) Machipiare harlow no The are meaning for any upot, and when her lately bow working again. DASA-E, NGRP - Lement of Hack works in come flight hisspan medsonens and sum degit G 4. s. Borteny went below lov i'm sporing and no measurement for a white.

NETT Traver Cause 22 May 21 Hay THNU-N Final wife at the worky hotel. Coordinates 78° 01' 06 5"N 2067 33° 58' 10,2"W It was pert do un kis corp - an withen travere for refuling, alway, and Raised the ann by shout Im, Skeping to spokely was pect, en though midding the Blar pinels, antenn, we use a let of fuel 4+6+4 downs radiaton. are 8 draws of NEWH ~ 22 dress told. All drawels are working and download worked well, loder are with to to EGRIB HASTE, Snow enigroper and pin by H.S and the Sucrest who we will they Still the wind direction is sero, but 1-2 days to lix solar trader, withell I did not see a loure wire. snow roder, and serve the this. Sil need to call during will get Phone + home Porthe the shand grand EGRIB for SE directions and leas the same very-

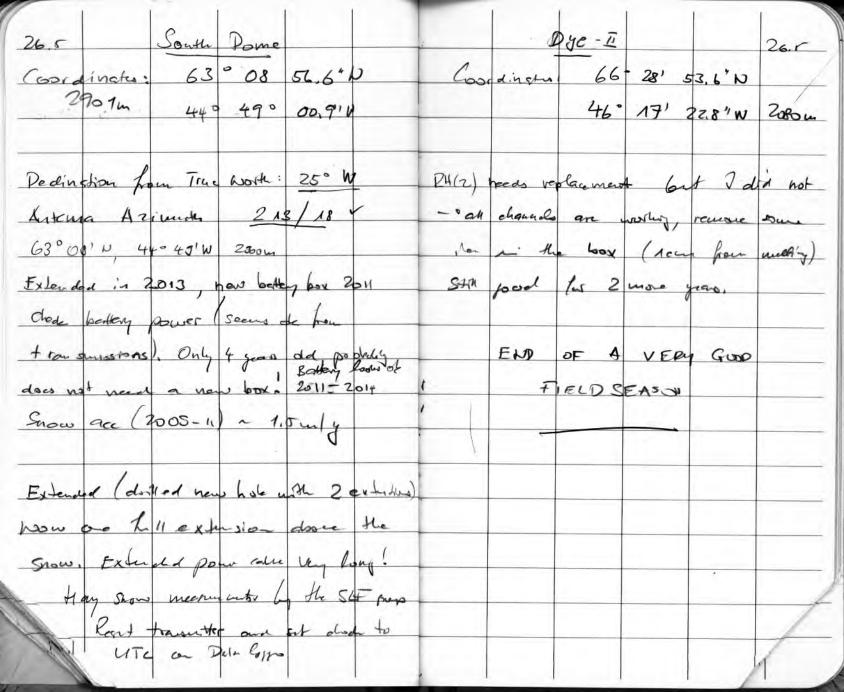
22.5.1r	EGR	37'91=	: 2 Au				WAS 4	E		22. 5. 15
		7 31 81=	Lia cory		*					
Coordinate	75 ° 35	1 86.3 0	2686		Coordi	nates: 7	5° N,			
	35° 53	19,7"W				:				1
FGRIZ	azi unth	los antan	a ~ 2	19					15.	
Vspeed 1 i					GOES	8030	E2EA	22	6/7	0:18:10
Var 2 is	s Asst	(revoised)	(Sames)			have a				
should we a	dd adicks	n inchance	ch ?	2	Extende	the	Lower	que re	pot the	tionerAker
* check!					· colord	cras not	woshi	<u></u>		
				¥ (MI de	annols ex	ept up	pe wind	was u	when
dr 2	90 /ron	end dire	chen	4	1	time,				V
av 1 2						a he			1000000	and -
		(V1) was		4 (exchaup		1		
75.59 N	- 36				ok.					
29° d					Town	por la	, 3-4	gran	and p	parer
	The second second	by 1/21	50			month				
		enna b		1/1		w Cable				
	Wrs 23	A 10 10 10 10 10 10 10 10 10 10 10 10 10			e xter					
										Se
			l .					t .	11	

22/5 Surround Awa 23/5 Thermidor che Arrived at 5 pm in ice to from 2003 photo a cube cable Cent the long run way help to land Site los we plan to stay for 2 days and leave Honday enouncy to Pa panger. Power Cade Summer Aux shed of worked (present is uncestable) I had removed a solar pand lat year be EGRID and American the crease batter had no recharge. The randing was power are a the X- and low commender the two botter faxes = neca new 20W solar pare for Summer and for EGRIS

01 Leaving Summit - CPS 25/5 25/5 leaving from to st dis local Battery dopped 2014, 8, pour went down and I crossing dopped with bow Couds around comp und Jan 2015. Fy & CPI & download and reachingte the fat transmitter. Wheel bregger in the battery? Oct 21 Stopped - 6 Tob start again Azimush of Antenne = 200/1301.com Bothy dropped within two days. = need now bettery pad! Upload Sat program again All not get a Go to while waiting at Goordinates: 69. 52' 8,54 P13) CP1 - Schillet for was also star for 47 01' 21" W Compass! Hope this dist the 106 to result the sd. transmisia. (012 2014 63.22, 305, 43.01, 03.8, M re-alliped antenna was 200 to ter to the range or -inista Clad Sat tansmitter - down love de, de dours

NASA-SE 25/5/11 Southern Traverse 25/5 Dyc- [OR) play high Coordinates: 66° 28' 41'4"N 2388 42° 25' 46, W Hum (2) out Show (1) horry or ant Download de, Tear do wern Soldle (10) plany List (Brolde) as reference top forms do warm, At temp was only - toc Pol was +5°C! Tear (1) and V(1) and Show proble unk very hard longer at a goon und hard was probably the Command horizon MASA SE (15) Plany high Bullo Tran (1,2) to have =0 ant -> Possibly extention next year joint = my chi places out? YES revolus is also bo low CIRES snow compedión sake int S-pome (11) extension nocked mens now both, box? 50m ble side all Sensors Seem to work

tonger brind terbie 248 25/5 GINE Hog bour tail how to deale the wind Meloine 65° 59' 58.6" N Coordinates . 440 30' 06,14N 2435 Ausdenskasten 6 Schrauben (take proture) 3 sind und einquiter yellamler Voy strange no deta on menny con -v cord reado did not with! Der Widestand solle for elle 3 Acts Replaced - card reado de mas 3.5 a Sein But - only a few days of data = I Jah habe den fleidrichter (Flock of kasten on CRADDO but recording worked and transmission had some date sen but comp ola an do Tullone how satellite. in larges = 5 tothe der head &H briga Kan un den akhanen? Re booked & CRE OD propour Pata drould be on Cerow, I have down looked only the never don motor of all obs. These is also a show compactors



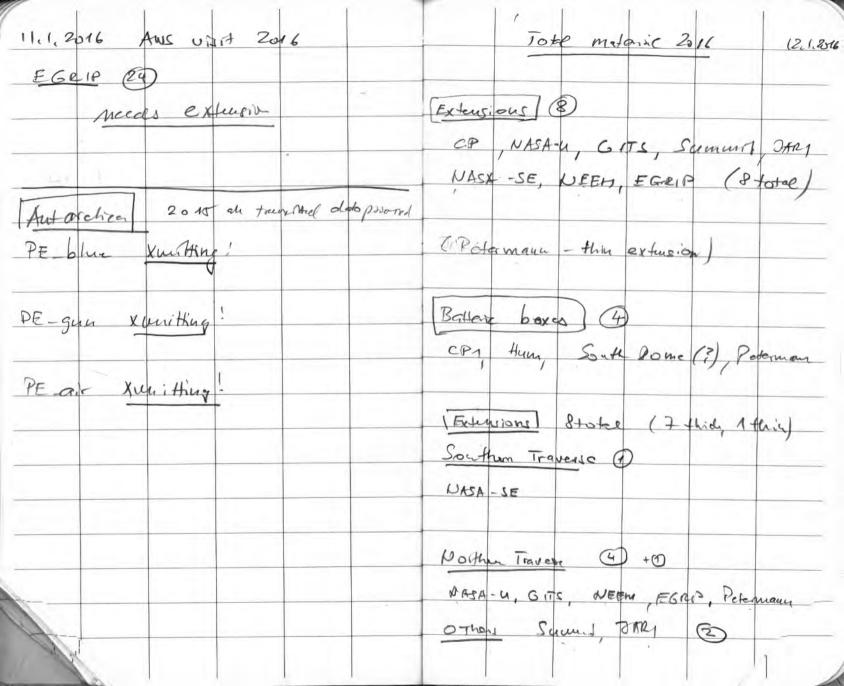
29/5 Hicopen #37 Start the conhalter (free with Combiles being sunding on become it blodes the med Bevor up removed the some with block hood. Hit green bothen all down - process. prevent that the note entre the talk 100 D - 100 messeund has interme better, when low Head which can be serework in or out. was shop! Additional beter's count to the down play To dear the DRIVE mour, push the For darmy butter need dable frank red holben. convector. Two spore bettering Sattings. The county date is on the memory and + 2000 x 2 in neapons

Things to do the fest manuals and toped by · Wieder wahl 1.7. 2016 event an head with large of few then from the Took west gate Agreement front only then stop to pen red hopm . Chief the same to do it · loughbook CF-AXZ of o- line-90 Ge + Windows + 40 = 130 GB -5 to leave this saver, print red grate. Ed! grot , projous + Eo. dore 20% CHF for WSL 4 of for external Thesday, fure 1 20 point Mi 30 - 16:50 free land 100 shoes drauge is a worning duck Thursdy Senor 5 15 min 15:47 - 16:00 aineddong of Sunto Com 1081-2011

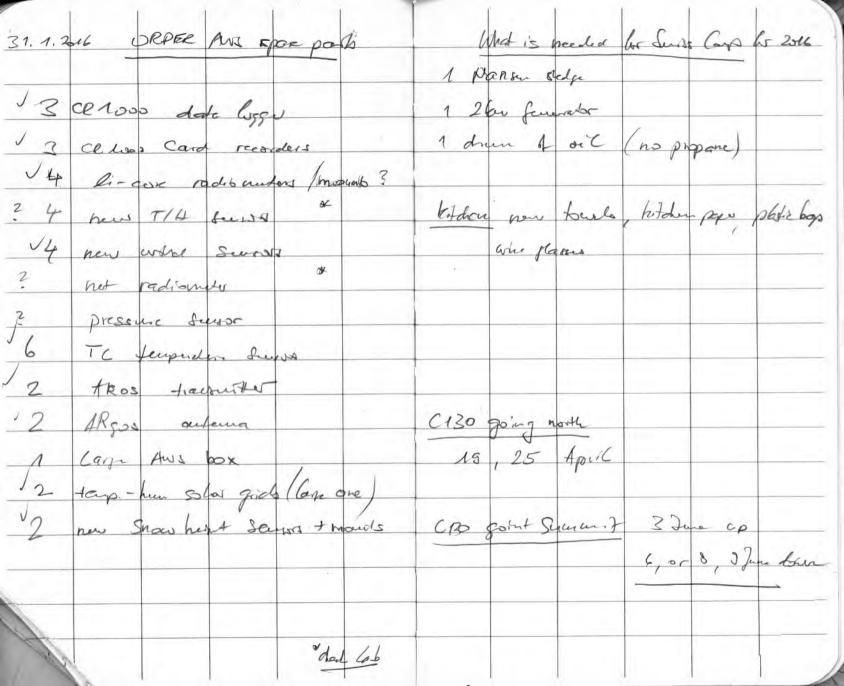
Klim_15 30,5 freenlands New Fortian propren to real 1. 2 % of Early Sufern the new to in Sun Tour 7.36m SLE dole now from CRIOS. 2.854 km3 2. 8501000 km 36 / 36 hu 22 darator industry first coun = 7808 times x dat (22 diarectors) Count (integer) Squanit 06 duran (integer) SC: Winter ? -23 to -18, - 4. year (i) = 2 /dende 2d (i) 10.18 12 -12,3 2 2013 -2 to +1 =30 6,13/a + a midget 12.0 Song -16 to 1422 0.08 -12, 3 to -11, - 0.03 10.5-13.2

11.116 Aus Visit 2016 Humboldt (05) no exhaust needed Savis Coup Q1 X- west working Stopped xus 30 345 (Dec 6) batty was 9.04 needs hatty tous 1.11.16 no extension Saura (06) Crowled Poir (O2) po x wat xunt ok Presence ust wary, needs 200 slow poul snow heart 1,5m heed bottery box ballon stopped belier needs exertise " | nuccols extensis. NASA - 4 (3) no house page tournet but xant of Tuna N (07) extenton needer No exterio needed all wothing -o(no need to with) Dye-I (0) GIS (04) Xunt of pronus not working needs extecht. Vanif withe needs new snow no extension needed hors sawy

11.1.2016 Aus hors 2016 JAR (O9) Xuit oh NASA E (12) no vuit four house no exhums needed redding needal Saddle (10) no hour page traint NASA SE (15) no Kund transpers to but dot it of? worked to ent of year V=12, 6 no picture! . and in Jacon birefly herds 2 har Solar panel to expusion needed meeds extension (um be burned) South Dane (1) xait stopped but no date Potermonia (21) maybe techning who the ree logging -> 54 is - 6999 Cet pour los 13.50 at 20 286! Shoped vuit 30HOV =0 power was sirv - needs new Bettery bux no externou need hew power hox? NEFON (23) Xunt of needs extusion



ORDER From Boule ACEPROJECT @ EPF4, CH Exhusing spac: 2015 Dec Scurs Camp 2 + 2 Steams for (They can / bis 2016 need 6 new sters of ORDER 2016
New Steves Length 24 am = 180 km 10.7.5 km Betty bus bayer (need 4) 3 hax es cum bother I ned auph las x 2 patterner ORDER ROLD Fo NE Galore May 2016 expectation 1 complete AUS 6 new extensions with wheat 3 how Skores 1 empty better box + bottems + box



		Í	1	1	1					1	ì	i	
27/5	Ston	ge ni	Red	Contain	1er	7	*	1	1	- 2 du	ma		
					larz							2 200	por
	Screws	to alla	de 8 kcc c	es +de	ansity but	ŧ							y vog 60
3 A	NS Sk	eves		7 4	e ance							his the	
			+15	cat		1	1				dus		
4	230F	anterne	-				2	- 1				10 MIL C	rufen
1 6	ula c	enerals				121	2		hala	Within	les auf	me + tece	iae
3 1	Settery 6	sojes u	n 2x	100 ALL			1			1 7 7 7 7 7 7 7	o (croso of		
2 /	oo Ath	willen	دحما في			-	2	F	ZDAK	town	s wind	Cookes	
6	10 W	sola	payad	(laze	Zaspos)		3		Small	Campl	all end	oshes	
1	20 W	Solar	pavel	4	4								
3 L	w radio	melen	2553F 30610F	3 32	555 F3	3							
2 8	kidos	betterio	(Ciguis	autss!)								
1 1	2 balley	olienje	- 44	1/ /2	1								
1 5	mall Ed	at w me	tol 114	is do									
6	,		one tou										
					re + med								
			box Ir										
												Ť	

2015 Expedition Permit C15-3 SC 650 33' 27'N 49-21/27"W 1082m 69° 30' 07'N 49° 331 26'W 1003m dulo Start of Exposition 4 Hay 2015 690 291 381N 48° 421 35'40 897m JAR1 to ircce irccage 73° 50 26,50 49° 31' 10,0 W 242 NASAU 77° 26' 31.4"N 519 04' 55,8'W 2461 Home page for majnets delington: NEEH 78° 31/ 40.21 N 56 50' 25.1"WZU3 Hun www. ngdc.noaa, gov/gromag - udo/ PET 80° or 44.9"N, 55° 071 56.4" w 924 77° 08' 13.6 N, 61° 02' 31.6"W 1881 GITS 780 011 06,5 "N, 330 581 10,31W 2067 Tunn-W EGPB 750 35' 36,3"N, 35 59' 18.7"w 2686 I ASA E 730 50125"W 450 30 25"W 65. 27 28.5 "N, 47. 011 21" N 1231 CP1 66. 281 41.1"N, 42 291 46 1" W 2388 asa-SE 65° 55' 58,6"N 44 30' 061" W 243T Sadd & 63-08' 51.0" N, 400- 49' 009 "W 2501 - Dome 66°78' 53.6" N 46° 17'22.8" NEO80 402

Phone Number 2015 Four Sch planer 88 163 256 072 28 163 145 9737 CPS leanger 299 52 42 18 CPS trobile 233 5297 84 Dassword Kiseau 79 (866) 611 -0377 Medicare AssAl. Sc1 + 88 - 162 - 147 - 0785 (Moui) Sc2 + 88 - 163 - 140 - 0042 SC3 + 88 - 162 - 141 - 0877 Nanm +1 719 238 0119 Jag mbs +1 240 476-1280 + Neen graped + 88 167 77 37834 NEEN traver 1: +88 16 234 93272 Kim Row Cus 299 524526 15:00 - 16:00; 21:22:00 2:+2816 929 48507 NETUM dome 1 +88 16 234 93 253 7 3 7 8 35

Kashy 295 5297 Ry Hans Qquage + 299 97 1234 Sammit 8816 314 59 738 Samuel and 88 163 164 0730/ Summit + 88 163 146 07 30 onew

Piloto: +299 52 4278 Kiddy 53 78 90

gitini 25

+4, 79 377, 06 to Kom